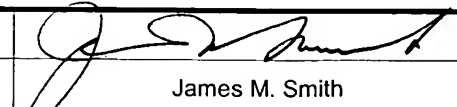


# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))</small>		Attorney Docket No.		0050.1613-002	
		First Named Inventor or Application Identifier		Alan J. Kirby	
		Express Mail Label No.		EV 215729374 US	
Title of Invention		HYBRID ELECTRONIC/OPTICAL SWITCH SYSTEM			
<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.			<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450		
1. <input checked="" type="checkbox"/> Fee Transmittal Form <i>(Submit an original, and a duplicate for fee processing)</i> 2. <input checked="" type="checkbox"/> Specification <b>Total Pages [ 39 ]</b> <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings <i>(if filed)</i> - Detailed Description - Claim(s) - Abstract of the Disclosure 3. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <b>Total Sheets [ 7 ]</b> <input checked="" type="checkbox"/> Fig. of the Drawings for Publication [2A] <input type="checkbox"/> No Figure to be Published 4. <input checked="" type="checkbox"/> Oath or Declaration <b>Total Pages [ 2 ]</b> a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 C.F.R. 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b). 5. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i>			6. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Form b. <input type="checkbox"/> Paper Copy (identical to computer copy) [    ] Pages c. <input type="checkbox"/> Statements verifying identity of above copies		
			<b>ACCOMPANYING APPLICATION PARTS</b> 7. <input type="checkbox"/> Assignment Papers (cover sheet & documents) <input checked="" type="checkbox"/> Assignee - Massachusetts Institute of Technology Cambridge, MA 02139 8. <input checked="" type="checkbox"/> Power of Attorney <input checked="" type="checkbox"/> 37 C.F.R. 3.73(b) Statement 9. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 10. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 11. <input type="checkbox"/> Preliminary Amendment 12. <input checked="" type="checkbox"/> Return Receipt Postcard 13. <input checked="" type="checkbox"/> Small Entity Statement(s) 14a. <input type="checkbox"/> Foreign Priority Claim under 35 U.S.C. §119 or 365 14b. <input type="checkbox"/> Certified Copy of Priority Document(s) 15. <input type="checkbox"/> Nonpublication Request <i>(check parent application)</i> 16. <input checked="" type="checkbox"/> Other <u>Remarks Letter</u>		
17. <b>If a CONTINUING APPLICATION</b> , check appropriate box; supply the requisite information. <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)    of prior application No.: 09/376,504 Prior application information:    Examiner: Thomas J. Mullen    Group Art Unit: 2632 The entire disclosure of the prior application is considered a part of the disclosure of the accompanying application and is hereby incorporated by reference. (Add standard Related Applications section with incorporation by reference to specification or update same)					
<b>18. CORRESPONDENCE ADDRESS</b>					
NAME		Customer No. 021005			
		HAMILTON, BROOK, SMITH & REYNOLDS, P.C.			
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Signature		Date	9/12/3
Submitted by Typed or Printed Name	James M. Smith	Reg. Number	28,043

00746 U.S. PTO

10/661117

09/12/03

# HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

<b>FEE TRANSMITTAL FOR PATENT APPLICATIONS</b>	Attorney Docket Number	0050.1613-002
	Application Number	
	First Named Inventor	Alan J. Kirby

CLAIM CALCULATION (includes any preliminary amendment)

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c) or (j))	73 - 20* =	53	x \$ 18 =	\$ 954
	INDEPENDENT CLAIMS (37 CFR 1.16(b) or (i))	3 - 3** =	0	x \$ 84 =	\$ 0
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			+ \$ 280 =	\$
				BASIC FEE (37 CFR 1.16(a) or (h))	\$ 750
				Total of above Calculations =	\$ 1704
	Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27, 1.28) =				\$ 852
				TOTAL =	\$ 852
	Surcharge - Late Filing of Declaration or Filing Fees (37 C.F.R. 1.16(e)) =				\$
	Petition for Extension of Time Fee (37 C.F.R. 1.17) =				\$
	Assignment Recordation Fee = (only when filed with application)				\$
	[Other]				\$
				TOTAL =	\$ 852

\* Reissue claims in excess of 20 and over original patent  
 \*\* Reissue independent claims over original patent

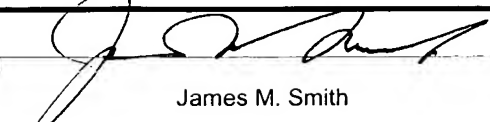
1. Small entity status:

- a. ☒ A small entity statement is enclosed.
- b. ☐ A small entity statement was filed in the prior non-provisional application and such status is still proper and desired.
- c. ☐ Is no longer claimed.

2. ☒ A general authorization is hereby granted to charge deposit account number 08-0380 for any fees required under 37 CFR 1.16 and 1.17 in order to maintain pendency of this application. A copy of this authorization is enclosed for accounting purposes.

3. ☒ A check is enclosed for \$852. ☐ Please charge \$[ ] to Deposit Account No. 08-0380.

4. ☐ Other: \_\_\_\_\_

Signature		Date	9/12/3
Submitted by Typed or Printed Name	James M. Smith	Reg. Number	28,043

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Alan J. Kirby

Divisional Application of  
Application No.: 09/376,504  
Filed: August 18, 1999

For: HYBRID ELECTRONIC/OPTICAL SWITCH SYSTEM

Date: <u>9.12.03</u>
EXPRESS MAIL LABEL NO. <u>EV 215 729 374 US</u>

REMARKS/CHANGE OF CORRESPONDENCE ADDRESS

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The above-captioned application is a divisional of application number 09/376,504 filed on August 18, 1999 to which priority is claimed under 35 U.S.C. §120.

The specification of the present application is substantially the same as that of the parent application. The related applications paragraph has been revised to include a specific reference to the parent application.


The specification has been revised to incorporate amendments entered in the parent application. No new matter has been added.

Claims 31-44, 75-88, 96-102 and 109-115, as presented in the parent application, have been omitted and remaining Claims 1-30, 45-74, 89-95 and 103-108 have been renumbered sequentially beginning with Claim 1. A newly executed declaration under 37 C.F.R. 1.63 is not believed to be necessary under 37 C.F.R. 1.63(d) or 1.67(b).

Pursuant to 37 C.F.R. 1.63(d)(4), please note that a Notice of Change of Correspondence Address was submitted in parent Application No. 09/376,504. Please send all correspondence in the above-identified continuation application to: Customer No. 021005; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, Massachusetts 01742-9133. In addition, please direct all telephone calls to James M. Smith, Esq. at (978) 341-0036, and all facsimile communications to (978) 341-0136.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By   
James M. Smith  
Registration No. 28,043  
Telephone: (978) 341-0036  
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Concord, MA 01742-9133

Dated: 9/12/3